

$$H_{3}C(H_{2}C)_{16} \longrightarrow + \longrightarrow \bigcirc \longrightarrow + HO + CH_{2}CH_{2}O \xrightarrow{h} CH_{3}$$

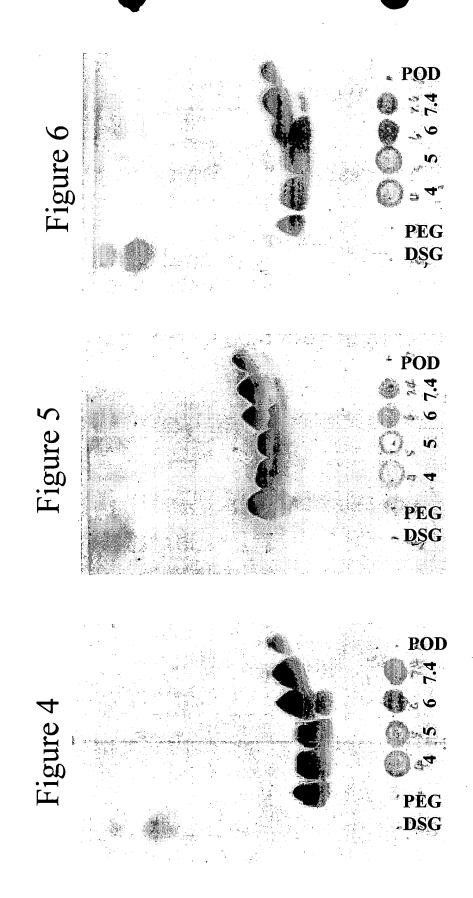
$$H_{3}C(H_{2}C)_{16} \longrightarrow \bigcirc \longrightarrow + HO + CH_{2}CH_{2}O \xrightarrow{h} CH_{3}$$

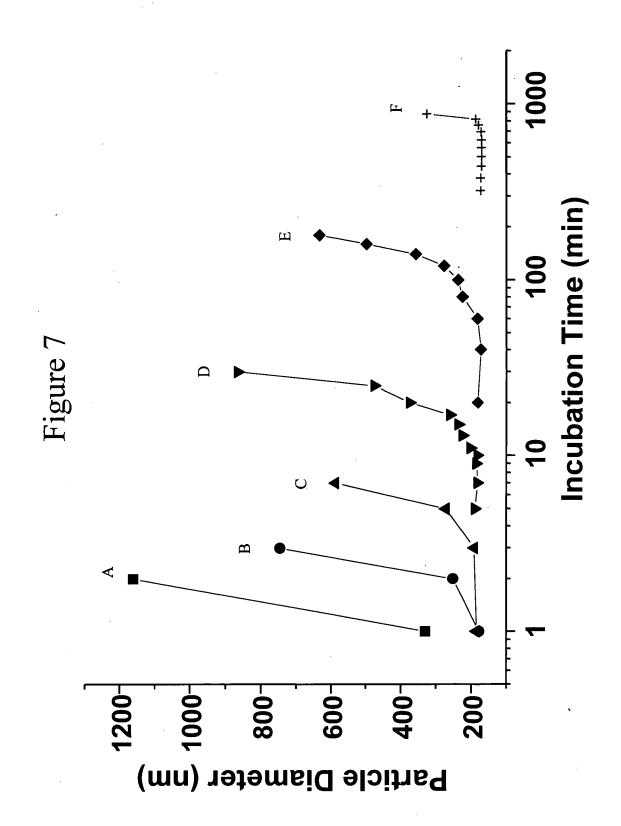
$$H_{3}C(H_{2}C)_{16} \longrightarrow \bigcirc \longrightarrow + HO + CH_{2}CH_{2}O \xrightarrow{h} CH_{3}$$

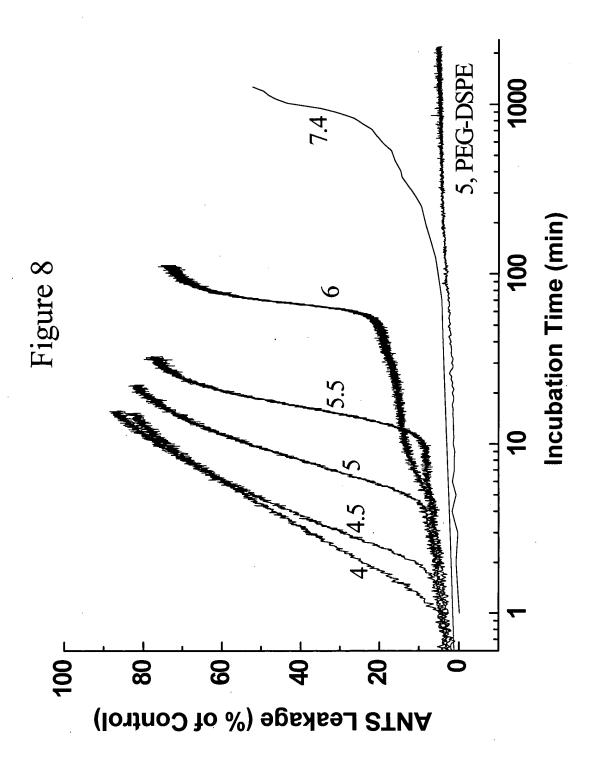
$$H_{3}C(H_{2}C)_{16} \longrightarrow \bigcirc \longrightarrow + \bigoplus_{q \in \mathcal{A}} \bigcirc \longrightarrow + HO + CH_{2}CH_{2}O \xrightarrow{h} CH_{3}$$

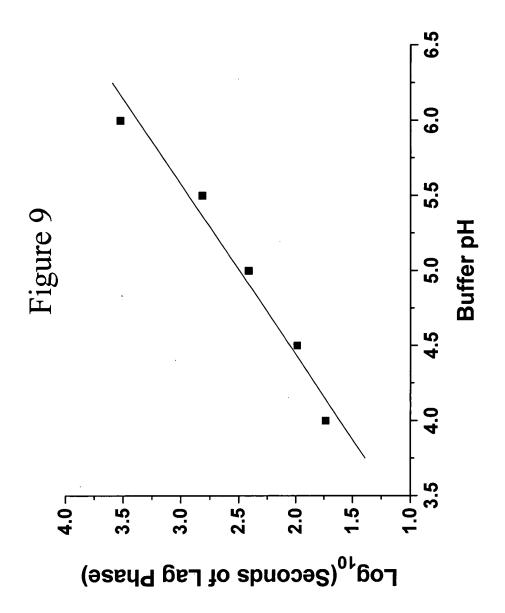
$$H_{3}C(H_{2}C)_{16} \longrightarrow \bigcirc \longrightarrow + \bigoplus_{q \in \mathcal{A}} \bigcirc \longrightarrow + HO + CH_{2}CH_{2}O \xrightarrow{h} CH_{3}$$

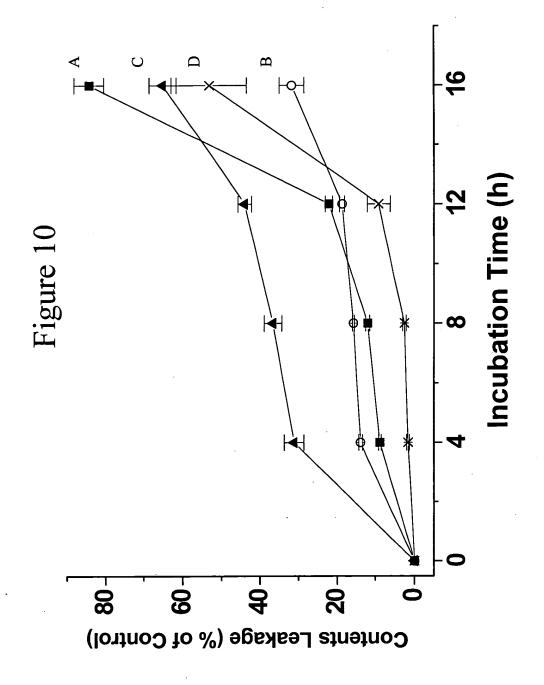
$$H_{3}C(H_{2}C)_{16} \longrightarrow \bigcirc \longrightarrow + \bigoplus_{q \in \mathcal{A}} \bigcirc \longrightarrow + HO + CH_{2}CH_{2}O \xrightarrow{h} CH_{3}$$

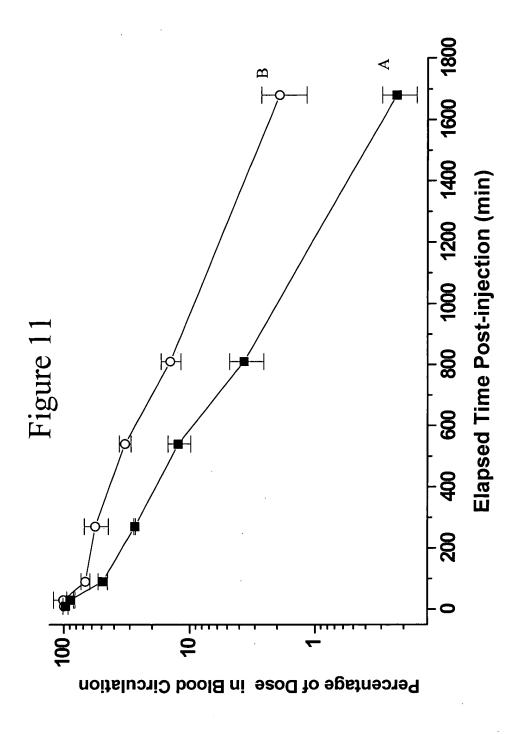


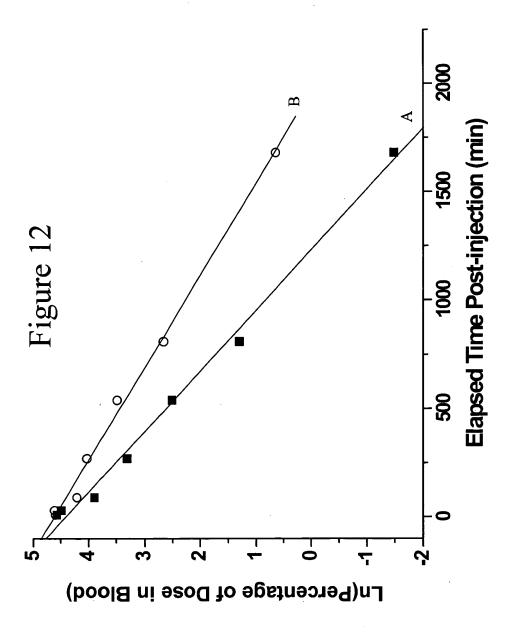


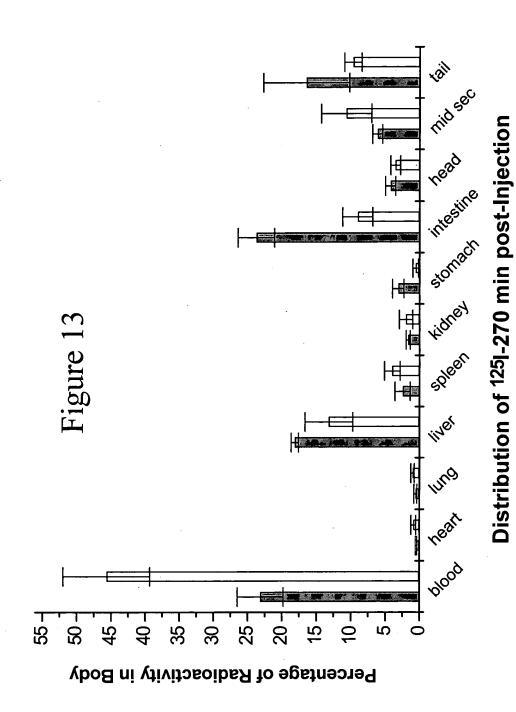


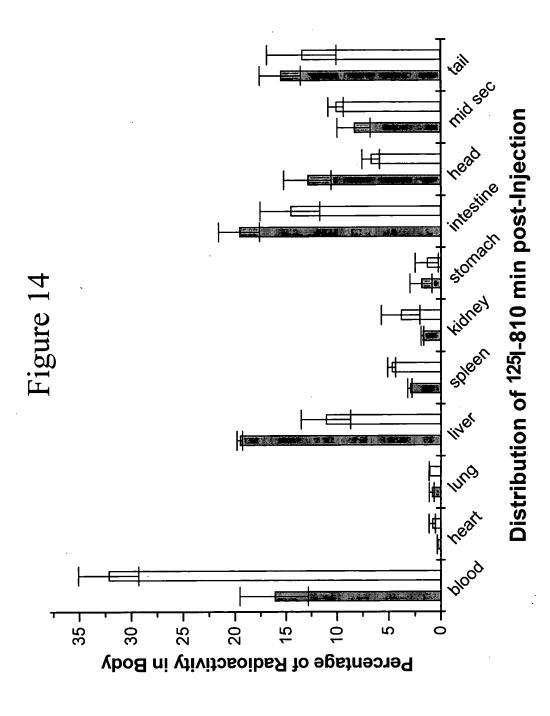


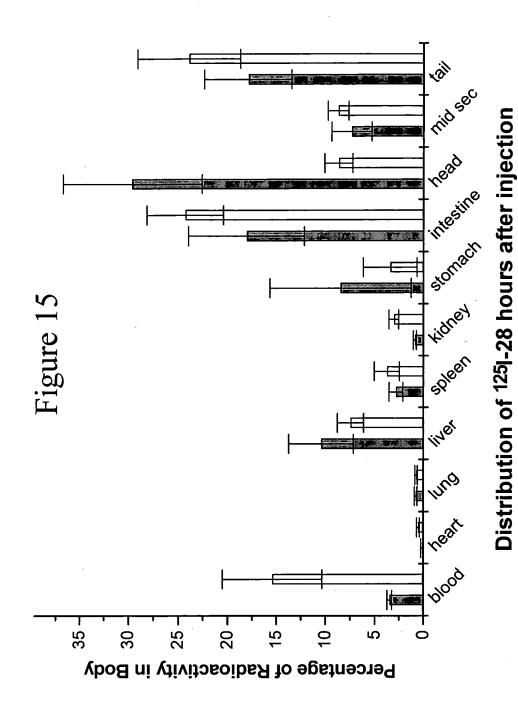












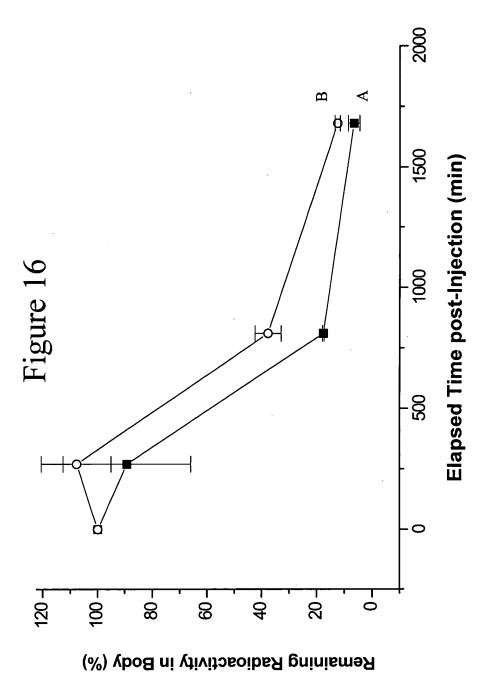
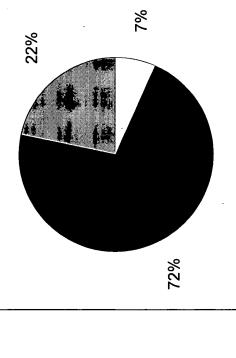
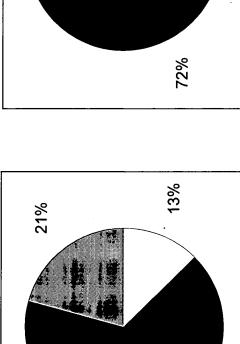


Figure 17

Figure 18





%29

1) 7 Attached Molecule-OH 8.8 NaH, THF RT, 30 min ipid Anchor-OH -

45 °C, 10 h, 50% 2) 4 CH 3OCHCI 2

Attached Molecule-OCHO-Lipid Anchor

**EXAMPLES** 

Attached Molecule-OH Number (CH<sub>3</sub>)<sub>2</sub>NCH<sub>2</sub>CH<sub>2</sub>OH

Lipid Anchor-OH

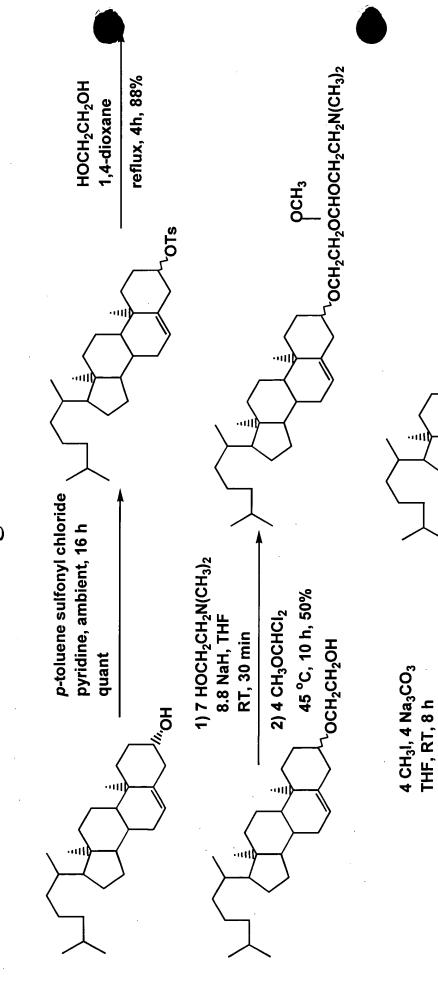
(CH<sub>3</sub>)<sub>2</sub>NCH<sub>2</sub>CH<sub>2</sub>OH

(CH<sub>3</sub>)<sub>2</sub>NCH<sub>2</sub>CH<sub>2</sub>OH

СН<sub>3</sub>(ОСН<sub>2</sub>СН<sub>2</sub>)<sub>0</sub>ОН

t-butyi-[CH 2CH(C2H5)]nOH

СН<sub>3</sub>(ОСН<sub>2</sub>СН<sub>2</sub>)<sub>п</sub>ОН



<sup>1</sup>OCH<sub>2</sub>CH<sub>2</sub>OCHOCH<sub>2</sub>CH<sub>2</sub>N<sup>+</sup>(CH<sub>3</sub>)<sub>3</sub>

quant

DC-Chol

CITON (CHO) + HOHOCHON (CHO)

